

ABSTRACT OF THE DISCLOSURE

In a power distribution control system for a four-wheel-drive vehicle, a 4WD controller is electronically connected to a friction clutch for controlling a torque distribution ratio. The 4WD controller determines whether a past-history condition that a clutch input torque has been greater than or equal to a predetermined threshold value is satisfied when a command torque is greater than or equal to the predetermined threshold value, and determines whether a command torque condition that a current command torque is greater than or equal to the predetermined threshold value is satisfied, and also determines whether a reversal-of-torque condition that an input direction of torque inputted into the friction clutch is reversed is satisfied. The 4WD controller outputs a countermeasure-of-noise command torque decreased from the current command torque as a command signal for the friction clutch, when the past-history condition, the command torque condition, and the reversal-of-torque condition are all satisfied.